

薬化学分野

A 欧文

A-a

1. Yamagata, N., Demizu, Y., Sato, Y., Doi, M., Tanaka, M., Nagasawa, K., Okuda, H., Kurihara, M.: Design of a stabilized short helical peptide and its application to catalytic enantioselective epoxidation of (*E*)-chalcone. *Tetrahedron Lett.*, 52 798-801 (2011) (IF: 2.618)
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9. Anraku, Y., Kishimura, A., Kobayashi, A., Oba, M., Kataoka, K.: Size-controlled long-circulating PICsomes as ruler to measure critical cut-off disposition size into normal and tumor tissues. *Chem. Comm.*, **47**, 6054-6056 (2011) (IF: 5.787)
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1. Kurihara, M., Demizu, Y., Sato, Y., Yamagata, N., Okuda, H., Nagano, M., Doi, M., Tanaka, M., Suemune, H.: Computational study on conformation of oligopeptides containing α,α -disubstituted amino acids. *Peptide Science 2010*, 135-136 (2011)
2. Yamagata, N., Demizu, Y., Sato, Y., Nagasawa, K., Doi, M., Tanaka, M., Okuda, H., Kurihara, M.: Computational study on helical structure of chiral α,α -disubstituted oligopeptides. *Peptide Science 2010*, 137-138 (2011)
3. Demizu, Y., Doi, M., Sato, Y., Tanaka, M., Okuda, H., Kurihara, M.: Computational study on helical structure of chiral α,α -disubstituted oligopeptides. *Peptide Science 2010*, 140-141 (2011)
4. Tanaka, M., Nagano, M., Doi, M., Kurihara, M., Suemune, H.: Stabilize α -helical peptide-catalyzed asymmetric epoxidation of chalcone derivatives. *Peptide Science 2010*, 213-214 (2011)
5. Tanaka, M., Nagano, M., Demizu, Y., Doi, M., Kurihara, M., Suemune, H.: Helical Secondary Structures of Oligopeptides Composed of Chiral Five-membered Ring Amino Acids. *Peptides: Building Bridges, (Proceedings of the 22nd American Peptide Symposium)*, 124-125 (2011)
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B 邦文

B-b

1. 今井幹典, 末宗 洋, 田中正一: ロジウム錯体触媒によるヒドロアシル化反応—分子内反応から分子間反応への展開—. 有機合成化学協会誌, 69, 236-251 (2011)

学会発表数

A-a	A-b		B-a	B-b	
	シンポジウム	学会		シンポジウム	学会
0	4	0	0	6	9

社会活動

氏名・職	委員会等名	関係機関名
田中正一・教授	日本薬局方原案審議委員会	医薬品医療機器総合機構
田中正一・教授	大学院生合宿研修 世話人代表	九州薬科学研究教育連合

競争的資金獲得状況(共同研究を含む)

氏名・職	資金提供元	代表・分担	研究題目
田中正一・教授	日本学術振興会	代表	基盤研究 (B) 配座制限環状アミノ酸の統合研究～分子設計・合成・機能化・そして創薬へ～
田中正一・教授	内藤記念科学振興財団	代表	ヘリカル2次構造の制御とその応用
大庭 誠・准教授	日本学術振興会	代表	若手研究 (A) 多機能性高分子ナノミセル型遺伝子ベクターを用いた血管疾患の遺伝子治療法の開発
大庭 誠・准教授	長崎大学	代表	高度化推進経費 若手研究者への研究支援事業 非タンパク質構成アミノ酸を用いた新規膜透過性ペプチドの開発
大庭 誠・准教授	財団法人テルモ科学技術振興財団	代表	DDS 材料を目指した人工ペプチドの開発